

WHAT IS CLAIMED IS:

1. A vehicle comprising:
 - a chassis, the chassis including a frame member;
 - a body pivotably secured to the chassis at a hinge, the body comprised of front and rear ends having upper and lower edges and first and second side walls having lower edges; and
 - a hoist system extending between the body and the chassis for pivoting the body about the hinge between a storage position and a range of dumping positions, the hoist system including a ball screw actuator, a trunion, and a push arm, the ball screw actuator pivotally mounted to the frame member and to the trunion, the trunion pivotally mounted to the frame member, the trunion including an arm with a distal end thereof, the push arm pivotally mounted to the distal end of the arm, and the push arm pivotally mounted to the body.
2. The vehicle according to claim 1 wherein when in at least one of the dumping positions, the dump body defines a dumping angle with respect to the chassis, the dumping angle being at least 50°.
3. The vehicle according to claim 1 wherein the ball screw actuator is actuatable in a first direction and an opposing second direction to selectively move the body toward the dumping positions and toward the storage position, respectively.